

METHOD AND SYSTEM FOR DELINEATING DATA SEGMENTS SUBJECTED TO DATA COMPRESSION

ABSTRACT

A method and system for compressing and transmitting data using asynchronous transfer mode (ATM) is disclosed. The data include a plurality of segments. Each of the plurality of segments has a first end and a second end. In one aspect, the method and system include representing the first end of a segment with a partition compression code word and compressing a remaining portion of the segment. The method and system could also combine the marking of the boundary and subsequent data into a compound compression code word. In another aspect, the method and system include representing the first end of a segment with a transparent mode command, transmitting the transparent mode command, and transmitting a remaining portion of the segment.

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